

CLAIMS

1. (original) A dynamic gauntlet comprising:

a base adapted for securement to at least one of a wrist and an arm of a wearer; and
a flexible hand piece including a plurality of finger elements, each finger element receiving and at least partially extending or flexing a finger, said hand piece including a common piece connecting said plurality of finger elements, at least one of said base and said hand piece constructed of an elastomeric material and including an anchor having an attachment element extending toward the other of said base and said hand piece, the other of said base and said hand piece including an attachment area, complimentary to said attachment element,

wherein the attachment element is releasably positioned at a pre-selected position on the attachment area to provide a tension in the anchor, thereby reconfiguring at least one of the fingers and the hand of the wearer.

2. (original) The dynamic gauntlet of claim 1 wherein at least one of the plurality of finger elements is constructed of a strip of elastomeric material spiraled to form a tube within which a finger is disposed.

3. (original) The dynamic gauntlet of claim 1 wherein the hand piece includes an anchor extending toward the base on the dorsal side of the hand.

4. (original) The dynamic gauntlet of claim 1 wherein the hand piece includes an anchor extending toward the base on the ulnar side of the hand.

5. (original) The dynamic gauntlet of claim 1 comprising a thumb piece secured to the thumb and separate from the hand piece.

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6. (original) The dynamic gauntlet of claim 5 wherein the thumb piece includes a secondary anchor including a secondary attachment element that is releasably positioned at a pre-selected position on the attachment area to provide tension in the secondary anchor, thereby reconfiguring the thumb.

7. (original) The dynamic gauntlet of claim 5 wherein the thumb piece includes a secondary attachment area and wherein at least one of the hand piece and the thumb piece includes a secondary anchor including a secondary attachment element that is releasably positioned at a pre-selected position on the attachment area to provide tension in the secondary anchor thereby reconfiguring the thumb.

8. (original) The dynamic gauntlet of claim 1 wherein the anchor includes a first end fixedly joined with at least one of the hand piece and the base and a second end that includes the attachment element, said second end releasably positioned adjacent said other of said hand piece and said base.

9. (original) A therapeutic gauntlet comprising:

a base secured to at least one of an arm and a wrist, said base including a plurality of attachment points, said base associated with a wrist cornerstone of the hand;

extending means for at least partially extending a digit of a hand, said extending means associated with at least one of a thumb cornerstone of the hand and a finger cornerstone of the hand;

tension means for providing a pre-selected tension on said extending means to reconfigure at least one of the digit and the hand, said tension means constructed substantially only from an elastomeric material; and

attachment means for releasably attaching said tension means to at least one of the plurality of attachment points on said base, wherein attachment of the tension means at different attachment points adjusts the tension transmitted through said tension means to said extending means, wherein at least one of the digit and the hand is reconfigured in a selected splinting position, whereby the spatial relationship between at least two of the wrist cornerstone and the at least one of the thumb cornerstone and the finger cornerstone is modified.

10. (original) A therapeutic gauntlet of claim 9 wherein the extending means is constructed of a strip of said elastomeric material spiraled to form a tube that substantially surrounds a portion of the digit.

11. (original) A therapeutic gauntlet of claim 9 wherein the extending means is tube-shaped and adapted to receive a digit.

12. (original) A therapeutic gauntlet of claim 9 wherein the extending means includes a hand piece and a thumb piece, the hand piece including a plurality of finger elements that each receive a finger, the thumb piece including a thumb element that receives a thumb.

13. (original) A therapeutic gauntlet of claim 12 wherein the tension means extends from at least one of the hand piece and the thumb piece toward the base.

14. (original) A therapeutic gauntlet of claim 9 wherein the extending means extends the proximal interphalangeal joint of at least one of a finger and a thumb in a substantially extended configuration.

15. (original) A therapeutic gauntlet of claim 9 wherein the extending means is a hand piece including at least one digit element.

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